

Title (en)

PLATE-BASED COMPLIANT HIP FIXATION SYSTEM

Title (de)

PLATTENBASIERTES NACHGIEBIGES HÜFTFIXATIONSSYSTEM

Title (fr)

SYSTÈME DE FIXATION DE HANCHE CONFORME À BASE DE PLAQUE

Publication

EP 3079613 A4 20171004 (EN)

Application

EP 14868753 A 20141209

Priority

- US 201361913593 P 20131209
- US 2014069363 W 20141209

Abstract (en)

[origin: US2015157368A1] System, including methods, devices, and kits, for hip fixation. The system may include a fixation element configured to be placed obliquely into a proximal femur and anchored in a head of the proximal femur. The system also may include a plate member including (a) a mounting portion configured to be placed on and attached to a lateral cortex of the proximal femur and (b) a barrel portion configured to be placed into a lateral region of the proximal femur and positioned around a portion of the fixation element. The system further may include a compliant member positioned or positionable at least partially in the plate member and configured to be reversibly deformed in response to a load applied to the head of the proximal femur, to change an angular orientation of the fixation element with respect to the plate member.

IPC 8 full level

A61B 17/74 (2006.01)

CPC (source: EP US)

A61B 17/746 (2013.01 - EP US); **A61B 17/748** (2013.01 - EP US)

Citation (search report)

- [XA] US 5743912 A 19980428 - LAHILLE MICHEL [FR], et al
- [X] US 2010312245 A1 20101209 - TIPIRNENI KISHORE [US], et al
- [X] EP 1797835 A1 20070620 - DEPUY PRODUCTS INC [US]
- [X] FR 2686788 A1 19930806 - HARDY JEAN MARIE [FR]
- See references of WO 2015089083A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

US 2015157368 A1 20150611; **US 9463055 B2 20161011**; EP 3079613 A1 20161019; EP 3079613 A4 20171004; EP 3079613 B1 20190529; JP 2017503545 A 20170202; JP 6486363 B2 20190320; WO 2015089083 A1 20150618

DOCDB simple family (application)

US 201414565105 A 20141209; EP 14868753 A 20141209; JP 2016537543 A 20141209; US 2014069363 W 20141209